

Title (en)

NOVEL TETRAHYDROISOQUINOLINE ALKALOID COMPOUND CONTAINING MACROCYCLE

Title (de)

NEUARTIGE TETRAHYDROISOCHINOLIN-ALKALOID-VERBINDUNG MIT EINEM MAKROZYKLUS

Title (fr)

NOUVEAU COMPOSÉ ALCALOÏDE DE TÉTRAHYDROISOQUINOLÉINE CONTENANT UN MACROCYCLE

Publication

**EP 4303221 A1 20240110 (EN)**

Application

**EP 22763275 A 20220301**

Priority

- JP 2021033773 A 20210303
- JP 2022008664 W 20220301

Abstract (en)

[Problem] To provide: a novel tetrahydroisoquinoline (THIQ) alkaloid compound having a macrocyclic structure; an intermediate of the compound; and a method for producing the compound.[Solution] Provided is a compound represented by formula (I), or a pharmaceutically acceptable salt thereof.The present invention also provides: a method for synthesizing this compound; and an intermediate compound useful in this synthesis.

IPC 8 full level

**C07D 498/22** (2006.01); **A61K 31/4995** (2006.01); **A61P 35/00** (2006.01); **C07D 491/22** (2006.01)

CPC (source: EP US)

**A61K 31/4995** (2013.01 - US); **A61P 35/00** (2017.12 - EP US); **C07D 471/18** (2013.01 - US); **C07D 491/22** (2013.01 - EP US); **C07D 498/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2022186221A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4303221 A1 20240110**; JP WO2022186221 A1 20220909; US 2024197726 A1 20240620; WO 2022186221 A1 20220909

DOCDB simple family (application)

**EP 22763275 A 20220301**; JP 2022008664 W 20220301; JP 2023503877 A 20220301; US 202218280035 A 20220301